



WATER ENGINEERING
841 N. Broadway, Room 409
Milwaukee, WI 53202
Fax: (414) 286-2085
E-mail: watflowtest@milwaukee.gov
Web page: www.milwaukee.gov/water

To Whom It May Concern:

The Milwaukee Water Works' Engineering Section provides Water Main Pressure Information and Fire Flow Test results for the MWW Retail service area. This currently includes Milwaukee, Greenfield, Hales Corners, St Francis, West Milwaukee and a portion of Franklin www.city.milwaukee.gov/water/about. Requests should be e-mailed or faxed to the attention of "Flow Test / Pressure Request". When faxing, submit on company letterhead or request form FT0902. **Information WILL NOT be given over the phone, NO EXCEPTIONS!!!!**

Pressure

Water Pressure information will be given as Average Pressure and is a theoretical calculated pressure based upon the Hydraulic Grade Line within the identified Water Pressure District.

Fire Flow Tests

Only Milwaukee Water Works' personnel may conduct tests on its public water system. Tests are conducted in accordance with AWWA Standard practices. For e-mail requests, the information will be returned in a PDF file, which can be viewed with the Adobe Acrobat Reader program.

Information provided with Fire Flow Test requests:

- Date of Test
- Flow and Residual Hydrant Locations
- Pitot pressure (psi) and Discharge (gpm)
- Static and Residual Pressures (psi) and Elevation
- Size of Nozzle and "C" Factor, if used

New Fire Flow Tests

Requests for new tests will be evaluated to determine whether existing tests accurately represent the water distribution system and if a \$350 fee is applicable. The fee is required to be submitted prior to the test. A representative for the requesting party may schedule to observe the test upon approval of the Water Engineering Section.

Tests are not conducted during the cold weather months, as determined by the Water Works' Engineering Section. (Typically November 1st through March 31st)

The following will be required for the processing of a request:

- Contact name, telephone number, and E-mail address or fax number
- Location/Address (Exact address or corner of an intersection) of site requested
i.e., 6015 W. Morgan Ave. or Southwest corner of S. 60th St. and W. Morgan Ave.
- Type of information requested (Pressure or Flow Test data)
- Existing/Proposed branch location (if applicable)

Requests will be processed and returned via e-mail or fax (typically) within one business day.

Engineering does not provide:

Meter size, Service size or Material - Contact *The Milwaukee Development Center* (414) 286-8208
Maps - Water system prints may be ordered through *Diggers Hotline* (800)-242-8511 or 811.
Caller should state - *"For planning purposes only - Milwaukee Water Works only need reply"*

Questions? Contact *Water Engineering* (414) 286-2421, Monday thru Friday, 8:00 am to 3:30 pm. (CST)

Mr. Patrick W. Pauly, PE

Patrick W. Pauly

Mains Design Engineer
Management - Civil Engineer Sr.



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Water System Pressure - Fire Flow Test **Request Form**

Company Name: _____

Contact Name: _____

Fax Number: _____ Phone Number: _____

Street Address or Intersection of Site: _____

Check the Appropriate Boxes

☐ **Pressure**

Average water pressure _____ psi

(Calculated pressure in water main)

☐ **New Fire Flow Test** (\$350 Fee may apply)

**See FT0901 for additional Information*

☐ **Fire Flow Test**

Additional information provided upon request

☐ Size of water main tested _____

☐ Size of main at address _____

☐ Water main is dead end? _____

Milwaukee Water Works Use Only

Test number(s) _____
